EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9133	(((solid or (hot adj melt$4) or "hot-melt" or (phase adj chang$4) or "phase-change") near ink) or (ink adj stick))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/30 15:14
L2	3650349	(jam or jamm$3 or non$engag$4 or engag$4 or stuck or empty or dis$engag$4 or sticking)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/30 15:15
L3	2413	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/30 15:16
L4	185	1 with 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/30 15:26
L5	9	(empty with ink with power with off)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/30 15:27
L6	1	(non$engag$4 with (ink or stick or pellet) with heat$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/30 15:29
L7	2	"5920332".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/30 15:30
L8	3	"5992991".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/30 15:30

EAST Search History

S3	811	347/7.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/28 13:54
S4	22	347/7.ccls. and stick	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/02 14:30
S5	4475	"347"/$3.ccls. and (melt or liquify or phase or change) and (stick or solid) and (power or energy) and temperature and (monitor or control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/02 14:34
S6	82	"347"/7.ccls. and (melt or liquify or phase or change) and (stick or solid) and (power or energy) and temperature and (monitor or control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/02 14:38
S7	7	"347"/7.ccls. and (melt or liquify or phase adj change) and (stick or solid) and (power or energy) and temperature and (monitor or control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/02 14:41
S8	3	"347"/$3.ccls. and (melt or liquify or phase adj change) and (ink adj stick adj jam) and (power or energy) and temperature and (monitor or control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/06 07:35
S9	1681	"347"/$3.ccls. and (melt or liquify or phase adj change) and (ink adj stick or solid or hot adj melt or melt) and (power or energy) and temperature and (monitor or control or interrupt or stop)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/06 07:15
S10	11	"347"/7.ccls. and (melt or liquify or phase adj change) and (ink adj stick or solid or hot adj melt or melt) and (power or energy) and temperature and (monitor or control or interrupt or stop)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/02 14:48

EAST Search History

S11	1459	"347"/$3.ccls. and (melt or liquify or phase adj change) and (ink adj stick or solid or hot adj melt) and (power or energy) and temperature and (monitor or control or interrupt or stop)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/06 07:36
S12	1290	"347"/$3.ccls. and (melt or liquify or phase adj change) and (ink adj stick or solid or hot adj melt) and (power or energy) and temperature and (monitor or control or interrupt or stop) and ((predetermined or threshold) same ink or liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/06 07:21
S13	885	"347"/$3.ccls. and (melt or liquify or phase adj change) and (ink adj stick or solid near ink or hot adj melt) and (power or energy) and temperature and (monitor or control or interrupt or stop) and ((predetermined or threshold) same ink or liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/06 07:41
S14	5	"347"/$3.ccls. and ink near stick near jam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/06 09:32
S15	364	"347"/$3.ccls. and (melt or liquify or phase adj change) and (ink adj stick or solid or hot adj melt) and (power or energy) and temperature and (monitor or control or interrupt or stop) and (jam or obstruction or impedance or obstruct)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/06 07:39
S16	1040	"347"/$3.ccls. and (melt or liquify or phase adj change) and (ink adj stick or solid or hot adj melt) and (power or energy) and temperature and (monitor or control or interrupt or stop) and (jam or obstruction or impedance or obstruct or blockage or blocking or block)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/06 07:39

S17	676	"347"/$3.ccls. and (melt or liquify or phase adj change) and (ink adj stick or solid near ink or hot adj melt) and (power or energy) and temperature and (monitor or control or interrupt or stop) and ((predetermined or threshold) same ink or liquid) and (jam or obstruction or impedance or obstruct or blockage or blocking or block)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/06 09:01
S18	520	"347"/$3.ccls. and (melt or liquify or phase adj change) and (ink adj stick or solid near ink or hot adj melt) and (power or energy) and temperature and (monitor or control or interrupt or stop) and ((predetermined or threshold) same ink) and (jam or obstruction or impedance or obstruct or blockage or blocking or block)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/06 09:20
S19	503	"347"/$3.ccls. and (melt or liquify or phase adj change) and (ink adj stick or solid near ink or hot adj melt) and (power or energy) and temperature and (monitor or control or interrupt or stop) and ((predetermined or threshold) same ink) and (jam or obstruction or obstruct or blockage or blocking or block)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/06 09:51
S20	64	"347"/$3.ccls. and ink near stick same (jam or misfeed or block or blocking or obstruct or obstruction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/06 09:38
S21	340	"347"/$3.ccls. and (melt or liquify or phase adj change) and (ink adj stick or solid near ink) and (power or energy) and temperature and (monitor or control or interrupt or stop) and ((predetermined or threshold) same ink) and (jam or obstruction or obstruct or blockage or blocking or block)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/12 08:58
S22	5	"5992991"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/12 08:02

S23	5	"6447084"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/12 08:24
S24	6	"347"/$3.ccls. and (jam same ink same (power or heat or heater or electricity or energy) near (off or halt or stop or stops or halts or quit or cease))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/12 08:29
S25	39	"347"/$3.ccls. and ((jam or jamming or clog or clogging or obstruct or obstructing or block or blocking) same ink same (power or heat or heater or electricity or energy) near (off or halt or stop or stops or halts or quit or cease))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/12 08:29
S26	297	"347"/$3.ccls. and (melt or liquify or phase adj change) and (ink adj stick or solid near ink) and (power or energy) and temperature and (monitor or control or interrupt or stop) and ((predetermined or threshold) same ink) and (jam or obstruction or obstruct or blockage or blocking or block) and (count or pixel or pixels or counter or add)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/13 15:18
S27	244	347/99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/14 07:31
S28	441	347/88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/14 07:32
S29	442	347/6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/14 07:32

S30	1373	347/7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/14 07:32
S31	2810	347/19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/14 07:32
S32	1976	347/14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/14 07:32
S33	4982	S27 S28 S29 S30 S31 S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/14 07:33
S34	3646078	power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/14 07:43
S35	3502508	(off or shut near down)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/14 07:45
S36	1535	S33 S34 S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/14 07:34
S37	245	S33 (S34 near S35)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/14 07:34

S38	10	S33 ((S34 near S35) same (clog$4 or jam$4 or obstruct$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/14 07:43
S39	4706522	power or electricity or energy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/14 07:43
S40	10	S33 ((S39 near S35) same (clog$4 or jam$4 or obstruct$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/14 07:45
S41	4399641	(off or shut near down or stop or cut near off)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/14 07:45
S42	10	S33 ((S39 near S41) same (clog$4 or jam$4 or obstruct$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/14 07:46
S43	21	S33 ((S39 near5 S41) same (clog$4 or jam$4 or obstruct$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/14 07:49
S44	31	S33 and (calculat$5 near5 tim$4) same (compar$4) same (predetermin$4 or threshold or known or expected)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/14 08:25
S45	9	S33 and (calculat$5 near5 tim$4) near4 (compar$4) same (predetermin$4 or threshold or known or expected) near4 (calculat$5 near5 tim$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/14 08:26

S46	5	"6447084"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/14 08:39
S47	0	347/19.ccls. and timing near calculations same comparing near calculated near time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/14 08:40
S48	0	347/19.ccls. and timing near calculations same comparing near calculation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/14 08:40
S49	0	"347"/$3.ccls. and timing near calculations same comparing near calculation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/14 08:40
S50	0	"347"/$3.ccls. and timing near4 calculation same comparing near4 calculation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/14 08:42
S51	2	"347"/$3.ccls. and timing near4 calculation and comparing near4 calculation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/14 08:43
S52	11	"347"/$3.ccls. and timing near4 calculat$4 and comparing near4 calculat$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/14 08:55
S53	5	"5992991"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/14 09:14

S54	0	(S27 and S28) and (melt or fill or refill or flow) near5 (rate or speed or velocity) near5 (grams or g) near (minute or min or m)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/14 09:16
S55	18	"347"/$3.ccls. and (melt or fill or refill or flow) near5 (rate or speed or velocity) near5 (grams or g) near (minute or min or m)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/14 09:20
S56	32	"347"/$3.ccls. and (inflow or flow or rate) near5 (grams or g) near (minute or min or m)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/14 09:23
S57	255	"347"/$3.ccls. and (grams or g) near (minute or min or m)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/14 09:51
S58	0	"347"/$3.ccls. and head near starvation same unsafe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/14 09:51
S59	1	"347"/$3.ccls. and head near ink near starvation same unsafe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/14 09:51
S60	1	"347"/$3.ccls. and head near4 ink near4 starvation same unsafe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/14 09:51
S61	1	"347"/$3.ccls. and ink near4 starvation same unsafe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/14 09:52

S62	24	"347"/$3.ccls. and (unsafe or risk) same (deplet$4 or starv$5 or empty) near5 (ink or liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/14 09:59
S63	10	"347"/$3.ccls. and (clog$4 or ink near jam$4) near9 (power or heat or energy or electricity) near5 (off or shut adj down or terminat$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/14 10:12
S64	1	"347"/$3.ccls. and (stop near supply or halt or stop or cut near off or terminate) near6 (heater or energy) same (ink near jam or clog$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/14 10:17
S65	11	"347"/$3.ccls. and (ink near stick near jam)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/15 09:49
S66	289	"347"/$3.ccls. and (ink near stick)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/14 10:17
S67	36563	heater and reservoir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/15 09:53
S68	394051	jam or stick or clog	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/15 09:53
S69	2075	reservoir adj level	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/15 09:53

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S70	1146	phase adj change adj ink or (ink$1stick)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/15 09:53
S71	3897	S67 and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/15 09:50
S72	297	S67 and S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/15 09:50
S73	159	S68 and S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/15 09:50
S74	32178	heater and reservoir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/15 09:50
S75	341978	jam or stick or clog	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/15 09:50
S76	273	S74 and S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/15 09:52
S77	273	S74 and S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/15 09:51

S78	3	S67 and S68 and S69 and S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/15 09:51
S79	159	S68 and S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/15 09:51
S80	3	S67 and S69 and S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/15 09:51
S81	43	S67 and S68 and S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/15 09:51
S82	532789	jam or stick or clog$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/15 09:52
S83	43	S67 and S68 and S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/15 09:52
S84	3	S67 and S68 and S69 and S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/15 09:52
S85	2433	(heater and reservoir).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/15 09:53

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S86	14622	(jam or stick or clog).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/15 09:53
S87	346	(reservoir adj level).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/15 09:53
S88	269	(phase adj change adj ink or (ink$1stick)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/15 09:54
S89	17	S85 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/15 09:54
S90	0	S86 adn S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/15 09:54
S92	1	S87 and S89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/15 09:55
S93	0	S87 adn S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/15 09:55
S94	1	S87 and S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/15 09:55

S95	0	S86 adn S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/15 09:55
S96	4	S85 and S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/15 09:55
S97	17	S85 and S89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/15 09:55
S98	74	S89 or S90 or S91 or S92 or S93 or S94 or S95 or S96 or S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/15 09:56
S99	1244	347/88 347/6 347/60 347/99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/08 10:42
S100	942553	(heat or heater or heating) same (melt or melting or melts or liquid or liquify or melted)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/08 10:44
S101	571	S99 and S100	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/08 10:44
S102	6	(godil and hindman and thornton). in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/08 10:48

S10 3	28	(godil and amin).in. or (larry and hindman).in. or (amy and thornton).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/08 10:48
S10 4	21	(godil near amin).in. or (larry near hindman).in. or (amy near thornton).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 10:27
S10 5	531	347/99 or 347/88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/11 12:38
S10 6	309	347/99 or 347/88 and (melt$3 or heat$3) and (temperature with (higher or greater or high or above) with (threshold or melting or deterimined or predetermined or allowable))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/11 12:42
S10 7	303	347/99 or 347/88 and (melt$3 or heat$3) same (temperature with (higher or greater or high or above) with (threshold or melting or deterimined or predetermined or allowable))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/11 12:46
S10 8	82	(347/99 or 347/88) and (melt$3 or heat$3) same (temperature with (higher or greater or high or above) with (threshold or melting or deterimined or predetermined or allowable))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/28 14:50
S10 9	5	("5992991" or "6719413").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/11 12:51
S11 0	1	(347/99 or 347/88) and (melt$3 or heat$3) same (temperature with (higher or greater or high or above) with (threshold or melting or deterimined or predetermined or allowable)) same (over$heat$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/11 12:50

S11 1	131467	(ink near stick) or (solid near ink) or (phase near change) or (ink near pellet) or (hot near melt)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/13 09:59
S11 2	531	347/88 or 347/99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/13 10:00
S11 3	185048	jam or jamming or jammed or jams	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 10:00
S11 4	38	S112 and S111 same S113	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 10:06
S11 9	119	(((solid or (hot adj melt$4) or "hot-melt" or (phase adj chang$4) or "phase-change") adj ink) or (ink adj stick)) same jam$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 12:12
S12 0	446901	temperature same power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 10:07
S12 1	40	S112 and S119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 10:08
S12 2	2	S121 and S120	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 10:08

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S12 3	21	S119 and S120	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 10:17
S12 4	1128	(((solid or (hot adj melt$4) or "hot-melt" or (phase adj chang$4) or "phase-change") adj ink) or (ink adj stick)) same (jam$4 or stuck or stick$3 or error or engag$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 10:19
S12 5	3	"5992991".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 12:10
S12 6	12	((godil near amin).in. or (larry near hindman).in. or (amy near thornton).in.) and jam$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 10:31
S12 7	454	(((solid or (hot adj melt$4) or "hot-melt" or (phase adj chang$4) or "phase-change") adj ink) or (ink adj stick)) same power same temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 10:34
S12 8	11	(((solid or (hot adj melt$4) or "hot-melt" or (phase adj chang$4) or "phase-change") adj ink) or (ink adj stick)) same power same temperature same ("non-engag$5" or jam$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 10:46
S12 9	22	(((solid or (hot adj melt$4) or "hot-melt" or (phase adj chang$4) or "phase-change") adj ink) or (ink adj stick)) same temperature same ("non-engag$5" or jam$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 10:47
S13 0	15	((((solid or (hot adj melt$4) or "hot-melt" or (phase adj chang$4) or "phase-change") adj ink) or (ink adj stick)) same temperature same ("non-engag$5" or jam$4)) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 10:48

S13 1	3	"5992991".pn. and predetermin$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 12:10
S13 2	3	"5992991".pn. and predetermin$3 same (power or electricity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 12:10
S13 3	9109	(((solid or (hot adj melt$4) or "hot-melt" or (phase adj chang$4) or "phase-change") near ink) or (ink adj stick))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 12:13
S13 4	321	(((solid or (hot adj melt$4) or "hot-melt" or (phase adj chang$4) or "phase-change") near ink) or (ink adj stick)) and (347/88 or 347/99)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 12:13
S13 5	34	(((solid or (hot adj melt$4) or "hot-melt" or (phase adj chang$4) or "phase-change") near ink) or (ink adj stick)) same (temperature and power) and (347/88 or 347/99)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/14 07:56
S13 6	20	(((solid or (hot adj melt$4) or "hot-melt" or (phase adj chang$4) or "phase-change") near ink) or (ink adj stick)) same ((temperature or heat) and (power or energy or electricity) and (predetermin$3 or threshold)) and (347/88 or 347/99)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 12:17
S13 7	104	(((solid or (hot adj melt$4) or "hot-melt" or (phase adj chang$4) or "phase-change") near ink) or (ink adj stick)) same ((temperature or heat) and (power or energy or electricity) and (predetermin$3 or threshold))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 12:18

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S13 8	20	(((solid or (hot adj melt$4) or "hot-melt" or (phase adj chang$4) or "phase-change") near ink) or (ink adj stick)) same ((temperature or heat) and (power or energy or electricity) and (predetermin$3 or threshold)) and (347/88 or 347/99) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 12:30
S13 9	95	((((solid or (hot adj melt$4) or "hot-melt" or (phase adj chang$4) or "phase-change") near ink) or (ink adj stick)) same ((temperature or heat) and (power or energy or electricity) and (predetermin$3 or threshold))) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 12:36
S14 0	7	(((solid or (hot adj melt$4) or "hot-melt" or (phase adj chang$4) or "phase-change") near ink) or (ink adj stick)) same ((temperature or heat) and (power or energy or electricity) and (predetermin$3 or threshold) and (stuck or sticking or "non-engagement" or "non-engag$3" or disengag$3 or jam or jamming or jammed or jams)) and (347/88 or 347/99) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON)	2006/04/13 12:38
S14 1	14	(((solid or (hot adj melt$4) or "hot-melt" or (phase adj chang$4) or "phase-change") near ink) or (ink adj stick)) same ((temperature or heat) and (power or energy or electricity) and (predetermin$3 or threshold) and (stuck or sticking or "non-engagement" or "non-engag$3" or disengag$3 or jam or jamming or jammed or jams)) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/30 15:14
S14 2	5	(((solid or (hot adj melt$4) or "hot-melt" or (phase adj chang$4) or "phase-change") near ink) or (ink adj stick)) same ((temperature or heat) and (power or energy or electricity) and (predetermin$3 or threshold) and (stuck or sticking or "non-engagement" or "non-engag$3" or disengag$3 or jam or jamming or jammed or jams)) and (jam$4 same temperature) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 14:40

S15 0	63	phaser and ink adj stick	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 14:38
S15 1	2	phaser and ink adj stick and (jam or jamming or jams or jammed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 14:39
S15 2	5	(((solid or (hot adj melt$4) or "hot-melt$4" or (phase adj chang$4) or "phase-chang$4") near ink) or (ink adj stick)) same ((temperature or heat) and (power or energy or electricity) and (predetermin$3 or threshold) and (stuck or sticking or "non-engagement" or "non-engag$3" or disengag$3 or jam or jamming or jammed or jams)) and (jam$4 same temperature) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 14:42
S15 3	5	(((solid or (hot adj melt$4) or (hot$melt$4) or (phase adj chang$4) or (phase$chang$4)) near ink) or (ink adj stick)) same ((temperature or heat) and (power or energy or electricity) and (predetermin$3 or threshold) and (stuck or sticking or "non-engagement" or (non$engag$3) or disengag$3 or jam or jamming or jammed or jams)) and (jam$4 same temperature) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/13 14:43
S15 4	68	"347"/$3.ccls. and (melt or liquify or phase adj change) same (ink adj stick or solid near ink) same (power or energy) same temperature same (monitor or control or interrupt or stop) and ((predetermined or threshold) same ink) and (jam or obstruction or obstruct or blockage or blocking or block)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/13 15:19

S15 5	10	("347"/$3.ccls. and (melt or liquify or phase adj change) same (ink adj stick or solid near ink) same (power or energy) same temperature same (monitor or control or interrupt or stop) and ((predetermined or threshold) same ink) and (jam or obstruction or obstruct or blockage or blocking or block)) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/14 07:55
S15 6	28797	(temperature or heat) and (interrupt or stop or off) near (power or energy or electricity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/14 07:55
S15 7	657	(((solid or (hot adj melt$4) or "hot-melt" or (phase adj chang$4) or "phase-change") near ink) or (ink adj stick)) same (temperature and power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/14 07:56
S15 8	9109	(((solid or (hot adj melt$4) or "hot-melt" or (phase adj chang$4) or "phase-change") near ink) or (ink adj stick))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/14 07:57
S15 9	5	(((solid or (hot adj melt$4) or "hot-melt" or (phase adj chang$4) or "phase-change") near ink) or (ink adj stick)) same ((temperature or heat) and (interrupt or stop or off) near (power or energy or electricity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/14 07:58
S16 0	16	ink near stick near jam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/14 07:58
S16 1	22	ink near stick near jam$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/14 07:58

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S16 2	534	347/88 or 347/99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/28 14:09
S16 3	17084	(power or energy) with (heater or heating or heats or heat) with (melt$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/28 14:02
S16 4	3066	(temperature) with (higher or high or great or greater or above) same (empty or no or lack or lacking or emptying or without) with (ink)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/28 14:03
S16 5	15	S162 and S163 and S164	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/28 14:08
S16 6	32	S162 and S163	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/28 14:08
S16 7	8048	(347/88 or 347/99) or (((solid or (hot adj melt$4) or (hot$melt) or (phase adj chang$4) or (phase$change)) near ink) or (ink adj stick))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/28 14:57
S16 8	5251	power with (heat$3) with (interrupt$3 or stop$4 or ceas$3) same (temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/28 14:20
S16 9	16	S168 and S167	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/28 14:26

S17 0	127158	(power with (heat$3) with (interrupt$3 or stop$4 or ceas$3) same (temperature)) or (over$heat$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/28 14:20
S17 1	82	S167 and S170	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/28 14:32
S17 2	2	"20020041300"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/28 14:26
S17 3	1	"20020041300" and (power same heat$3) and (over$heat$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/28 14:27
S17 4	1	"20020041300" and (power same heat$3) and (over$heat$3) and (solid with ink)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/28 14:30
S17 5	1	"20020041300" and (power same heat$3) and (over$heat$3) and ((solid with ink) or melt$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/28 14:30
S17 6	53	(((over$heat$3) or ((high$2 or increased) with temperature)) same ((interrput$3 or off or halt$3 or ceas$3 or terminat$3) with (power or energy or heat$3))) and S167	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/28 14:42
S17 7	108	(((((over$heat$3) or ((high$2 or increased) with temperature)) same ((interrput$3 or off or halt$3 or ceas$3 or terminat$3) with (power or energy or heat$3))) or ((interrupt$3 or off of halt$3 or ceas$3 or terminat$3) with ((ink or liquid) with (out or none or no or lack$3)))) and S167	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/28 14:45

S17 8	2	(347/99 or 347/88) and (melt$3 or heat$3) same (temperature with (higher or greater or high or above) with (threshold or melting or deterimined or predetermined or allowable)) same ((stop$4 or terminat$4 or off or quit$4 or halt$3) with (power or energy or electricity or heat$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/28 14:56
S17 9	0	(347/99 or 347/88) and (melt$3 or heat$3) same (temperature with (higher or greater or high or above) with (threshold or melting or deterimined or predetermined or allowable)) same (empty)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/28 14:56
S18 0	6	S167 and (empty or over$heat$3) with (power or electricity or heat$3) with (off or terminat$3 or interrupt$3 or ceas$3 or halt$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/28 14:59
S18 1	423	S167 and (heat$3 same level with ink)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/28 15:08
S18 2	277	S167 and (heat$3 same (level with ink) same temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/28 15:09
S18 3	13	S167 and ((heat$3 same (level with ink) same temperature) not time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/28 15:29
S18 4	2	"4751528".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/28 15:29
S18 5	2	over$heat$3 with (interrupt with power) and S167	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/28 15:39

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S18 6	0	S167 adn (engag$3 or empty) with (heat or power or electricity) with (stop$4 or halt$3 or terminat$3 or interrupt$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/28 15:40
S18 7	3	S167 and (engag$3 or empty) with (heat or power or electricity) with (stop$4 or halt$3 or terminat$3 or interrupt$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/28 15:41
S18 8	5	S167 and (engag$3 or empty or (no with ink)) with (heat or power or electricity) with (stop$4 or halt$3 or terminat$3 or interrupt$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/28 15:44
S18 9	8	S167 and (engag$3 or empty or (no with ink) or spac$3 or over$heat) with (heat or power or electricity) with (stop$4 or halt$3 or terminat$3 or interrupt$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/28 15:44